



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/898,684	07/02/2001	Tsuyoshi Miyano	ALPSP013	1763
22434	7590	10/03/2005	EXAMINER	
BEYER WEAVER & THOMAS LLP P.O. BOX 70250 OAKLAND, CA 94612-0250			SINGH, SATWANT K	
			ART UNIT	PAPER NUMBER
			2626	

DATE MAILED: 10/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/898,684	MIYANO, TSUYOSHI	
	Examiner	Art Unit	
	Satwant K. Singh	2626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 April 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-20 and 29 is/are allowed.
- 6) ☒ Claim(s) 21-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. This office action is in response to the amendment filed on 13 April 2005.

Response to Arguments

2. Applicant's arguments, see amendment, filed 13 April 2005, with respect to the rejection(s) of claim(s) 1-29 under Mori have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Kadowaki (US 6313921) in view of Mitchell et al. (US 6,839,468) regarding claims 21-28.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 21-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kadowaki (US 6313921) in view of Mitchell et al. (US 6,839,468).
5. Regarding Claim 21, Kadowaki teaches a server suitable for use in conjunction with a printer operable to print rendered data representing an image, comprising: a printer driver operable to generate the rendered data (printer communication unit 15); and a controller operable to receive identification data associated with the printer from

the printer, and authenticate the printer based on the identification data (printer controller 41 sends apparatus ID information 64-2 of the printer controller 41, machine type ID information 64-3, user ID information 64-5, and a password 64-6 to the personalizing server 3-1) (col. 18, lines 38-61)

Kadowaki fails to teach a server suitable for use in conjunction with a printer operable to print rendered data representing an image, comprising: a controller operable to send decoding data suitable for use by the printer to decode the rendered data, and send the rendered data to the printer.

Mitchell et al teach a server suitable for use in conjunction with a printer operable to print rendered data representing an image, comprising: a controller operable to send decoding data suitable for use by the printer to decode the rendered data, and send the rendered data to the printer (Fig. 4, JPEG decoder 407) (JPEG decoder could be incorporated with the printer 408) (col. 7, lines 23-48).

Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to have combined the teachings of Kadowaki with the teaching of Mitchell to incorporate a JPEG decoder into the printer unit to for outputting rendered data.

6. Regarding Claim 22, Kadowaki teaches a server, wherein the rendered data includes bit image data (Fig. 5) (col. 8, lines 55-67).

7. Regarding Claim 23, Kadowaki teaches a server, wherein the controller is further operable to receive a request for an activate code from the printer (printer controller 41 sends apparatus ID information 64-2 of the printer controller 41, machine type ID

Art Unit: 2626

information 64-3, user ID information 64-5, and a password 64-6 to the personalizing server 3-1) (col. 18, lines 38-61), send the activate code to the printer in response to the authentication of the printer (personalizing server authenticates the user), and send a request for the activate code to the printer when the server needs the activate code for authentication (personalizing server sends this personalizing information to the printer controller 41) (col. 18, lines 38-67, col. 19, lines 1-12).

8. Claims 24, 25, and 28 are rejected for the same reason as claim 21.
9. Claim 26 is rejected for the same reason as claim 22.
10. Claim 27 is rejected for the same reason as claim 23.

Allowable Subject Matter

11. Claims 1-20, and 29 are allowed.
12. The following is a statement of reasons for the indication of allowable subject matter: Claims 1, 10, 11, 20, and 29 teach similar subject matter as the prior art of Mori et al. (US 6,292,267). However claims 1, 10, 11, 20, and 29 are allowed for the reasons pointed out by Applicants remarks (page 3, 1st paragraph).
13. Claims 2-9, and 12-19 are allowed for being dependent on an allowable base claim.

Conclusion

14. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Ota et al. (US 6,163,383) discloses a method for providing print out security in a multinetwork environment.

Kuroyanagi (US 6,545,767) discloses an image forming system including a print server and an image forming apparatus communicating with the print server.

Tanaka (US 6,795,208) discloses a printer controller and system having a DMA data transmission.

Kemp et al. (US 2002/0078160) discloses printing over the Internet by a print driver.

Chang et al. (US 2002/0097419) discloses an information apparatus for managing outputting of content to an output device

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Satwant K. Singh whose telephone number is (571) 272-7468. The examiner can normally be reached on Monday thru Friday 8am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly A. Williams can be reached on (571) 272-7471. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2626

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Satwant Singh

sks

Satwant K. Singh
Examiner
Art Unit 2626

KA Williams
KIMBERLY WILLIAMS
SUPERVISORY PATENT EXAMINER